# TULLEY INCIDENT

CA HUU 006956

# INCIDENT ACTION PLAN







# **OPERATIONAL PERIOD**

8/30/2016 0700

to

8/31/2016 0700

**INCIDENT OBJECTIVES (ICS 202)** 

1. Incident Name		2 Operational Period		•		9/21/2016
	JLLEY	2. Operational Period		8/30/2016	Date To:	8/31/2016
	JELET		Time From:	0700	Time To:	0700
3. Objective(s):  Management Objective	ectives					
l —————————		ces to minimize threats t	to the public and	emergency perso	onnel.	
-Minimize damage	e to structures, private (	property and other impro	ovements in the f	ire area.		
-Protect natural, c	ultural, heritage resour	ces and commercial tim	ber values.			
-Foster and maint	ain relationships with a	Il tribal and local cooper	ators.			
-Provide timely an	d accurate incident info	ormation.				
-Maintain fiscal ac	countability and keep o	costs commensurate wit	h values at risk.			'
Control Objectives	6					
-Keep the fire Sou	th of the East Fork of F	Pecwan Creek.				
-Keep the fire We	st of Bee Mountain.					
-Keep the fire Nor	th of the Klamath River					
-Keep the fire Eas	t of the Klamath River.					
Company Situation	and Assertances					
General Situation						
Steep and rugge	d terrain, critically dry	y and receptive fuel be	eas.			
5. Site Safety Pla	n Required?	Yes No _X_				
Approved Site Sa	afety Plan(s) Located	at:				
6. Incident Action	n Plan					
X ICS 203	X ICS 215A	X Phone List	* *	sion Repair Plan		
X ICS 204	X ICS 220	X Training Message	Off Site Lodgi	-		
X ICS 205	Incident Map	X Travel Map	Documentation	on Message		
X ICS 206	X Weather Forecast	Demob Plan	X ICS 214	1) 1	$\mathcal{M}$	
X ICS 208	Fire Behavior	X Finance Message	X Water Usage	Log	11/01	
7. Prepared By:	Deputy Plans Chief	Buddy Bloxham	Signature:	(1)	V Chi	
8. Approved by I	ncident Commander:	Mark Kendall	Signature:	Men	Kehll	
ICS 202					-	

1. Incident Name:	2. O <sub>l</sub>	perational F	Period: Date From:	8/30/2016	Date To:	8/31/2016
TULL	.EY		Time From:	0700	Time To:	0700
3. Incident Commander(	s) and Command Staff:		7. Operation Sect	ion:		
IC/UC's	Mark Kendall		Chief	Nick Truax		
Deputy	Barry Biermann ( T )		Deputy	Mark Brunton / Ge	orge Casar	io ( T )
Safety Officer	David Sargenti / David Brock	kman ( T )	Night Ops	Jeff Ohs		
Information Officer	Mike Smith		Staging Area			
Liaison Officer	Dennis Carreiro / Scott Henr	у	Danah		Director:	
LE Liaison Officer	John Davis / Steve White		Branch		SOFR:	
			Division/Group	A/C	Ron Mcla	ughlin / Matthew Stark (T)
4. Agency/Organization	Representatives:		Division/Group	K	Kevan Fo	X
Agency/Organization	Name		Division/Group	W/X/Y/Z	Jeremey F	Pierce / Jeff Veliquette (T)
Yurok	Dean Baker		Division/Group	Suppression Repair	Heather E	Brent ***
BIA	Matthew Flying		Denuelo		Directors:	
CDCR	Jeff Auzzene / Calab Chadw	rick (T)	Branch		SOFR:	
USFS Six Rivers	David Markin		Division/Group			
NPS	Steve Troy		Division/Group			
HSO	Kevin Miller		Division/Group			
CAL OES	John Clary		Division/Group			
					Directors:	
			Branch		SOFR:	
			Division/Group			
			Division/Group			
5. Planning Section:			Division/Group			
	Chief Jeff Adams		Division/Group			
	Buddy Bloxham				Directors:	
	Josh Black / Shannon Johnson/	Jeff Dapper	Branch		SOFR:	
	David Shy / Todd Tuggle ( T		Division/Group	JOI IX.		
Documentation Unit		,	Division/Group			
Demobilization Unit			Division/Group		<del> </del>	
	Chris Ingram / Megan Schee	eline	Division/Group			
	Jon Heggie		2111010111011011		Directors:	
	Mike Smith		Branch		SOFR:	
Training Tech Spec			Division/Group		00114.	
Fire Suppresion Repair	· · · · · · · · · · · · · · · · · · ·		Division/Group		ļ	
	Steve Grantham		Division/Group			
Crew Tech Spec			Division/Group			
Clew Tech Spec	Defrick Wildrich		Air Operations Br	anch	Director:	Matt Stanford
6. Logistics Section				ir Support Grp Sup	Shem Hav	
	Geoff Pemberton			Helibase Manager		ins / Mike McFarren (T)
	Pete Gallegos			Tielibase Mailagei	Jared Coll	ins / wike wer aren (1)
	Amber Henderson / John Ru	adv ( T )	8. Finance/Admini	etration Section:		
Facilities Unit		ouy ( 1 )		Roger Raines / Ma	ra 72ver / T	1
				Terry Eastwood	IO ZOVEI ( I	<i>1</i>
Ground Support Unit				Patrick Aguada		
Hired Equipment Tech		<u> </u>				
Communications Unit			Procurement Unit			
	Kevin Fortney	T \	Comp/Claims Unit			
	Neli Mongin / Dino Rogers (			John Forsberg		
		uty Plans Ch		Signature:		
ICS 203	Prepared on: Date	/Time:	8/29/2016	2300 hours U		



### INCIDENT Weather Forecast



**FORECAST NO:** 

NAME OF FIRE: Tulley Fire

PREDICTION FOR: Tuesday Day/Night SHIFT

UNIT: CA-HUU

SHIFT DATE:

Aug 30 0700 - Aug 31 0700

SIGNED:

Mike Smith

TIME AND DATE

**FORECAST ISSUED:** 

2000 August 29, 2016

**Incident Meteorologist** 

WEATHER DISCUSSION: A low pressure trough over the eastern Pacific will continue to edge eastward over the next several days. The resulting deep marine layer will continue to impact the fire area with high humidity and cooler than normal temperatures. Coastal stratus is likely to directly impact the fire area night and morning hours as it moves up the Klamath river. A weak disturbance moving over the northwest state today will bring increased daytime cloud cover as well. Breezy winds aloft will not likely mix down to the fire elevations which will continue to see mainly terrain driven winds during the daytime. Night time winds are likely to continue upcanyon as well as a result of the coastal marine influence. Cool and moist conditions will continue Wednesday on through to the end of the week with the unseasonable cool trough moving onshore around Friday. Coastal stratus is likely to impact the fire each night and morning clearing by mid morning then returning late evenings.

### **WEATHER FORECAST:**

WEATHER: Mostly cloudy in the morning hours with coastal stratus. Clearing to partly cloudy skies by late morning.

**TEMPERATURES:** High temperatures 74 to 79.

**HUMIDITY:** Minimum humidity 35-45%.

### 20 FT WINDS:

RIDGETOP - (1000-2000 feet above the fire) Light and variable mostly southwest 2-4 mph with occasional gusts to 10 mph in the morning hours. After about 1000 southwest to northwest 3-8 mph with gusts to 18 mph in the mid to late afternoon.

SLOPE/VALLEY - Variable mostly upcanyon 1-4 mph in the early morning hours through about 1000. Then upslope to upcanyon 2-5 mph with gusts up to 12 mph in the mid to late afternoon.

STABILITY/INVERSION: Slightly more unstable today. Marine layer about 2500 to 3000 feet.

**OUTLOOK FOR Tuesday Night:** Partly cloudy becoming mostly cloudy with marine clouds after about 2100. Minimum temperatures on the fire 50 to 55. Good RH recovery at or above 90% canyon bottoms and 80% or higher upper slopes and ridgetops.. Winds on the slopes, upslope to upcanyon 2-5 gusts to 12 mph, decreasing after about 2100 to less than 5 mph but remaining mainly upcanyon through the night. Ridgetops above the fire...southwest 3 to 8 mph with gusts to 18 mph early evening hours becoming light and variable mainly northwest to 5 mph after 2100.

OUTLOOK FOR Wednesday: Partly to mostly cloudy in the morning with marine stratus then partly cloudy after about 1100. Maximum temperatures 72-77. Minimum humidity 35-45%. Slope winds variable mainly upcanyon 1-4 mph becoming upslope to upcanyon 2-5 gusts to 12 mph after about 1000. Ridge winds above the fire, light and variable in the morning becoming southwest to northwest 3-8 mph with gusts to 18 mph in the afternoon.

**EXTENDED FORECAST:** Thursday and Friday. Fair to partly cloudy skies except coastal stratus during the night and morning hours through about 1000. Highs in the 70s. Minimum afternoon humidity 38-48% or higher. Northwest winds in the afternoons on the ridgetops 3-8 mph with gusts to 18 mph each day. Mainly upcanyon winds on the slopes, 2-5 gusts to 12 mph.

**EXTRA INFORMATION:** 

Sunrise Tuesday 6:40

Sunset Tuesday 7:50

### FIRE BEHAVIOR FORECAST

FORECAST NUMBER 2 TYPE OF FIRE Surface

FIRE NAME Tulley OPERATIONAL PERIOD 8-30-2016 24 HOUR SHIFT

DATE ISSUED 8-29-2016 TIME ISSUED 1900 HOURS

UNIT: CALFIRE HUU SIGNED CALFIRE HUU Jon Heggie FBAN

**INPUTS** 

### WEATHER SUMMARY

Look for a cooler temperatures and higher relative humidity. PLEASE REVIEW INCIDENT METEOROLOGIST FORECAST

### **OUTPUTS**

### FIRE BEHAVIOR

### GENERAL

The fire has consumed mostly dense timber understory. Light flashy fuels should be affected by higher relative humidity keeping the probability of ignition very low. Heavy fuels that continue to smolder interior will have the potential for rollout. Probability of Ignition = 35%. Spotting Distance= 1/4 mile Flame Lengths 2-4ft

Fine Dead Fuel Moisture = 7-9% Rate of Spread 4-6 ch/h

### SPECIFIC

### **BRANCH I and IV**

All Divisions

Fire behavior should remain minimal with mostly interior smoldering of heavy down logs and small pockets of unburned ground fuels. IR flight is still showing interior isolated heat signatures so potential for rollout of burning material across containment lines is still possible. Live fuel moistures are approaching the lowest point of the year and are trending slightly above historic low values for Green Leaf Manzanita. Look for falling snags that could cross containment lines and potentially spread embers into receptive fuels. The potential for flare ups of pockets of unburned fuel or sleeper spots outside containment lines will remain and any escape on the West side of Cappell Creek will have a up hill run in fuels with no fire history in 20 years. Winds should not impact the fire, with heavy sheltering by tree canopy. Cooler weather will bring in lower ERC values for the next operational period and will keep the ERC value below the 90<sup>th</sup> percentile.

### AIR OPERATIONS:

- Fog could make visibility difficult through out the incident.
- Drops on to dead stands of trees could create rollout and widow makers in all divisions.

### **SAFETY**

- Do not be complacent in mop up operations, fuels still will support large fire growth
- Look for changes weather that are influenced by the costal marine layer
- Dead trees could fall at any time, situational awareness is imperative



### **CAL FIRE INCIDENT MANAGEMENT TEAM 3**



SAFETY MESSAGE 1. INCIDENT NAME:

2. DATE PREPARED:

3. TIME PREPARED:

TULLEY

August 29, 2016

1400

4. PREPARED BY:

5. LEADER NAME:

6. OPERATIONAL PERIOD:

TO

David Brockman SOF1(T)

David Sargenti SOF1

8/30/2016 0700

8/31/2016 0700

# FETY MESSAG

# SAFFTY

- 1. The condition of being protected from or unlikely to cause danger, risk, or injury.
- Steep winding roads are throughout the incident, slow down when driving.
- HEADS UP!!! Look out for falling rocks and boulders.
- There's no glory in getting hurt during mop up, keep your safety and the safety of your crews as a top priority.
- Be mindful of the roadways and the uneven road surfaces.
- Be careful around the incident base! Drive with CARE!
- Make sure to ALWAYS wear the appropriate PPE.
- Remain mindful of what is going on around you! LCES!
- HEADS UP!!! Lookout for SNAGS when working around areas with burned trees.

"A SOLID SAFETY PROGRAM ENSURES WORKERS RETURN HOME EVERY DAY IN THE SAME **CONDITION THEY LEFT IN."** 



INSTRUCTIONS A

CALFIRE INCIDENT MANAGEMENT TEAM 3 SOF1 David Sargenti



# INCIDENT RISK ANALYSIS ICS 215A



Branch	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS/WARNINGS/RE	MEDIES				
ALL	FIRE AND DROUGHT WEAKENED	Follow Hazard Tree Safety Guidelines (IRP)	G p. 22).				
	TREES/SNAG HAZARDS	Many of the trees within the fire area and alcompany					
		stressed due to prolonged drought conditions	s and extended burn				
		times.					
ALL	DRIVING HAZARDS	School has started watch for children!!					
		• Drive defensively! Expect the unexpected.					
		Be aware of elk and other animals on or near	r the roadway.				
		Watch for logging traffic.					
		• Increase following distances. Slow down.					
		Watch for debris on the roadway.					
ATT	EN A COLLON TO	Be prepared for rough roads and transitions.	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
ALL	FATIGUE	Be alert for signs of fatigue and take breaks	•				
		Monitor incoming resources for level of fatigues					
ALL	PERSONAL SAFETY	All personnel are responsible for their person	-				
A T T	I TO TO A STANK	Immediately report any suspicious activity to					
ALL	HYDRATION	Drink water before, during and after each sh					
		Be alert for signs of heat stress in yourself are					
ALL	HEAT RELATED ILLNESS	Review "Specific Treatments" section of the	IRPG (pg 103) for heat				
		illnesses signs and treatment.					
ATT	THE STATE A STATE OF	Report any and all injuries to your superviso					
ALL	FIRE WEATHER	Ensure LCES are in place prior to engagement	• •				
		Be thoroughly familiar with weather predictions on the ground for shanger	ions and monitor				
ALL	ACCOUNTABILITY	<ul> <li>conditions on the ground for changes.</li> <li>Be sure to check in with Division when working in their area of</li> </ul>					
ALL	ACCOUNTABILITY	Be sure to check in with Division when working in their area of responsibility.					
ALL	DEMOB	Monitor all drivers for fatigue.					
7 LDL	DEMOS	Be prepared to go to the next incident.					
		• Ensure that personal items and work related	equinment are secure.				
ALL	ROLLING MATERIAL	With the steep terrain, watch for rolling mate	<del></del>				
7100		working around/above you.	ortar when personner are				
		Call out rolling material.					
ALL	COMMUNICATIONS	Steep terrain may limit communications.					
		Use human repeaters as needed.					
ALL	BRIEFINGS	Make sure everyone gets a briefing on the p	lan for the day (inside				
		rear cover IRPG).	(				
ALL	MOP UP	Do not get complacent during mop up.					
		Wear ALL appropriate safety gear as require	ed.				
CAMP	TSUNAMI EVACUATION	Base camp is within the County's Tsunami 2					
		inundation is present if a tsunami was to occ	ur.				
		• Evacuation route is east up Bald Hills Road.					
			4 20 5				
Incident	Name: TULLEY INCIDENT	DATE PREPARED: 8/29/16	OPERATIONAL				
			PERIOD				
		Prepared by: David Brockman SOF1 (T)	8/30/2016-8/31/2016				
		133	0700-0700				

In readiness is all

1. Incident Name:		2. Operation	al Period:						
TULLEY		Date From:	08/30/16	Date To:	08/31/16	3.			
		Time From:	0700	Time To:	0700	Branch:			
4. Operations Personnel:						Division (Conve	A/C		
Operations Section Chief:	Nick 7	Truax Night Ops	s: Jeff Ohs			Division/Group	A/C		
Branch Director	:		Branch Safety:						
Division/Group Supervisor:	Ron M	lclaughlin / Matthew	/ Stark (T)			Staging Area:			
5. Resources Assigned:				Number of			*		
Resource Identifier		Leader		Personnel	Request#				
STC MRN 9150C		Martinelli, Ch	ris	18	E-101	0700-0700	DP - 2		
CRW PVT R&R CONTRAC	TING IN	IC Diaz, Tony		20	C-30	0700-1900	DP - 2		
W/T PVT ACT FAST		Munk, Anthor	ıy	2	E-116	0700-0700	DP - 2		
SOFR STRICKLAND		Strickland, J	ohn	1	0-40	0700-1900	DP - 2		
FEMP CAVAVAUGH		Cavavaugh,	Sean Ryan	1	O-116	0700-1900	DP - 2		
FEMP BLOMGREN		Blomgren, Ja	ason R	1	O-269	0700-1900	DP - 2		
- FC					İ				
							•		
6 Work Assignments:					<u> </u>	<u> </u>			
6. Work Assignments: Improve line. Mop up 300' in									
Tactical patrol. Backhaul ho		trach							
Tactical patrol. Backhaul no	se anu i	udsii.							
7. Special Instructions:									
		*	*12 Hour Resou	rces in Bold*	·	<u>, , , , , , , , , , , , , , , , , , , </u>			
8. Communications	(radio	and/or phone conta	ct numbers need	led for this assi	ignment):				
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes		
NIFC C-55	3	COMMAND	163.1500	0.0	169.8250	123.0	ALL DIVISIONS		
VTAC 11	6	TACTICAL	151.1375	156.7	151.1375	156.7			
CALCORD	14	MEDICAL	156.0750	156.7	156.0750	156.7			
CDF T23	15	AIR / GROUND	159.4500	192.8	159.4500	192.8	CDF T23 AIR TO GROUND		
GUARD	16	EMERGENCY	168.6250	0.0	168.6250	110.9	EMERGENCY ONLY		
9. Prepared by: Name:			Pos/Title:	RESL	Signature:	JRN1			
ICS 204		lack/ Shannon n/ Jeff Dapper (T)	Date/Time:	8/29/2016	2300 hours	,			

1. Incident Name:		2. Operation	al Period:					
TULLEY		Date From:	08/30/16	Date To:	08/31/16	3.		
		Time From:	0700	Time To:	0700	Branch:		
4. Operations Personnel:		7.1110 7 70111.	0,00	11110 10.	0.00	1	1.0	
Operations Section Chief	Nick Tru	uax Night Ops	: Jeff Ohs			Division/Group	K	
Branch Director		•	Branch Safety:					
Division/Group Supervisor	: Kevan F	ох	•			Staging Area:		
5. Resources Assigned:				At week a see of		D	8	
Resource Identifier		Leader		Number of Personnel	Request#	Remarks, Notes,	on, Special Equipment, and Information	
CRW HUU HIGH ROCK 1		Simmons, Bo	b	16	C-70	0700-0700	DP - 4	
CRW HUU HIGH ROCK 3		Payne, Orland	do	16	C-71	0700-0700	DP - 4	
CRW HUU HIGH ROCK 4		Marrioy		16	C-72	0700-0700	DP - 4	
CRW PVT GRIZZLY FIREF	IGHTERS	IN Hernandez P	erez, Fernando	20	C-32	0700-1900	DP - 4	
				<u> </u>				
				1				
6. Work Assignments:						<u></u>		
Improve line to DIV K/X bre	ak.							
Mop up 300' in. Tactical pat								
Backhaul hose and trash.								
7. Special Instructions:								
Avoid tribal trees at inters	ection of	quadrant 21, 22,	27, and 28.					
		*	*12 Hour Resoul	rces in Bold*	•			
8. Communications	(radio an	id/or phone conta	ct numbers neede	ed for this ass	ignment):			
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
NIFC C-55	3	COMMAND	163.1500	0.0	169.8250	123.0	ALL DIVISIONS	
VTAC13	8	TACTICAL	158.7375	156.7	158.7375	156.7		
CALCORD	14	MEDICAL	156.0750	156.7	156.0750	156.7		
CDF T23	15	AIR / GROUND	159.4500	192.8	159.4500	192.8	CDF T23 AIR TO GROUND	
GUARD	16	EMERGENCY	168.6250	0.0	168.6250	110.9	EMERGENCY ONLY	
9. Prepared by: Name:	loch Bloo	:k/ Shannon	Pos/Title:	RESL	Signature:	11/m/		
ICS 204	Johnson/	Jeff Dapper (T)	Date/Time:	8/29/2016	2300 hours	, ,		

1. Incident Name:		2. Operation	al Period:					
TULLEY		Date From:	08/30/16	Date To:	08/31/16	3.		
		Time From:	0700	Time To:	0700	Branch:		
4. Operations Personnel:						Division/Group	W/X/Y/Z	
Operations Section Chief:	Nick Tr	uax Night Op:	s: Jeff Ohs			Division/Oroup	WIXIIIZ	
Branch Director:			Branch Safety:					
Division/Group Supervisor:	Jereme	y Pierce / Jeff Ve	liquette (T)			Staging Area:		
5. Resources Assigned:				Number of		Reporting Locati	on Special Equipment	
Resource Identifier		Leader		Personnel	Request#	Remarks, Notes,	on, Special Equipment, and Information	
STC SHU 9248C		Corn, Scott T	· · · · · · · · · · · · · · · · · · ·	17	E-5	0700-0700	DP - 1	
CRW HUU EEL RIVER 3		Andrade, Vic	tor	16	C-65	0700-0700	DP - 1	
CRW HUU EEL RIVER 4		Boyd, Ronnie	•	16	C-66	0700-0700	DP - 1	
W/T PVT CULP CHRIST		Lay, Phil		2	E-94	0700-0700	DP - 1	
SOFR ANDERSEN		Andersen, T	om	1	O-184	0700-1900 DP - 1		
SOFR REYNOLDS		Reynolds, K	evin J	1	0-41	0700-1900	DP - 1	
FEMP TORMEY		Tormey, Rot					DP - 1	
FEMT BUNZEL Bunzel, Eric 1					O-58	0700-1900	DP - 1	
				6				
-								
6. Work Assignments:								
Mop up 300' in and conduct	tactical pa	atrols.						
Back haul all trash.								
7. Special Instructions:								
7. Special instructions:		*	*12 Hour Resou	rees in Bold*	fr			
8. Communications	(radio ar	nd/or phone conta						
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
NIFC C-55	3	COMMAND	163.1500	0.0	169.8250	123.0		
VFIRE 24	10	TACTICAL	154.2725	156.7	154.2725	156.7	ALL DIVISIONS	
CALCORD	14	MEDICAL	156.0750	156.7	156.0750	156.7		
CDF T23	<del>                                     </del>	AIR / GROUND	159.4500	192.8	159.4500	192.8	CDF T23 AIR TO GROUND	
GUARD	16	EMERGENCY	168.6250	0.0	168.6250	110.9	EMERGENCY ONLY	
9. Prepared by: Name:	1		Pos/Title:	RESL	Signature:	1200	EWERGENCT UNLT	
ICS 204		k/ Shannon Jeff Dapper (T)	Date/Time:	8/29/2016	2300 hours			

Γ.		-				T	
1. Incident Name:		2. Operation					
TULLEY		Date From:	08/30/16	Date To:	08/31/16	3.	
		Time From:	0700	Time To:	0700	Branch:	
4. Operations Personnel						Division/Group	Suppression
Operations Section Chie	f: Nick	Fruax Night Ope	s: Jeff Ohs				Repair
Branch Directo	r:		Branch Safety:				
Rehab Specialis	t: Heath	er Brent				Staging Area:	
5. Resources Assigned:		,		- Number of		Reporting Location	on. Special Equipment.
Resource Identifier		Leader		Personnel	Request#	Remarks, Notes,	on, Special Equipment, and Information
CRW NWS EASTERN SIE	RRA #1	Mena, Chad		28	C-38	0700-1900	DP-1
CRW NWS EASTERN SIE	RRA #2	Mcinturff, Jo	hn	16	C-39	0700-1900	DP-1
DOZ PVT JOHN'S TRUCK	KING	Nathans , Jo	hn	1	E-61	0700-1900	DP-1
DOZ PVT M & S PROPE	RTIES	Lamkin, Tim		1	E-153	0700-1900	DP-1
DOZ PVT MOBLEY		Mobley, Willi	iam	1	E-17	0700-1900	DP-1
W/T PVT T+M		Gregerson, I	Dean	1	E-95	0700-1900	DP-1
W/T PVT DOUBLE K H2C	•	Koop, Gayla	n	1	E-190	0700-1900	DP-1
W/T PVT VEHICLE MATE	IX	Rogers, Bob		1	E-191	0700-1900	DP-1
W/T PVT GARY CALVI C	ONSTRU	CTI Greish, Joel		1	E-41	0700-1900	DP-1
GRD PVT MARSHALL		Marshall, Joi	hn	1	E-161	0700-1900	DP-1
EXC PVT JOHN'S TRUCKING				1	E-217	0700-1900	DP-1
HEQB (T) WILSON	Wilson, And	У	1	O-145	0700-1900	DP-1	
ARCH GRANTHAM Granth			Grantham, Steve		O-34	0700-1900	DP-1
FOBS MEYERS		Meyers, Tim		1	O-36	0700-1900	DP-1
FOBS WEDEL	Wedel, Ray		1	O-270	0700-1900	DP-1	
6. Work Assignments:				1		<u> </u>	
Continue fire suppression	renair ne	r nian					
Repair roads as needed.	opan po	pian.					
Repair roads as needed.							
7. Special Instructions:					<del>-</del> -		
		*	*12 Hour Resou	rces in Bold*	*		
8. Communications	(radio	and/or phone conta	ct numbers need	led for this ass	ignment):		
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
NIFC C-55	3	COMMAND	163.1500	0.0	169.8250	123.0	ALL DIVISIONS
CDF T26	12	TACTICAL	159.2925	192.8	159.2925	192.8	SUPPRESSION REPAIR
CALCORD	14	MEDICAL	156.0750	156.7	156.0750	156.7	
CDF T23	15	AIR / GROUND	159.4500	192.8	159.4500	192.8	CDF T23 AIR TO GROUND
GUARD	16	EMERGENCY	168.6250	0.0	168.6250		
9. Prepared by: Name:	1 10	LIVILINGEINGT	Pos/Title:	RESL	Signature:	P 110.9	EMERGENCY ONLY
<del></del>	Josh B	lack/ Shannon				7	
ICS 204	Johnso	n/ Jeff Dapper (T)	Date/Time:	8/29/2016	2300 hours '		

FLY TO SUNRISE: 0630 SUNSET: 2000 # Avail / Type/ Make-Model / FAA N# / Base(s) REMARKS Longitude: 123 48.59 Radius: 10 NM to 10000' 3. # OF COPIES NEEDED: FLY FROM Latitude: 41 16.58° 10. TASK/MISSION/ASSIGNMENT (Use ICS-220a if additional space needed; Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, etc.) Available upon request START Available upon request Center: 5. TFR: MISSION START AVAIL 135.0250 BASE 2. PREPARED BY: M. Stanford rade, Let PREPARED DATE/TIME: 08/29/16 1900 START: 0800 END: 1930 8. FIXED WING NAME OF PERSONNEL OR CARGO (if applicable) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT AIRTANKERS LEADPLANES **PLATFORMS** PILOT MAP: TACTICAL TFR Fregs. MAKE/MODEL TY 166.6750 See IAP Communications Plan FM CDF T23 159.4500 168.625 Tone 1 123.0250 163.100 FAA N# **OPERATIONAL PERIOD DATE: 08/30/16** 135.0250 AM REMARKS Bucket / Slings 24hr Hoist 7. FREQUENCIES 4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): GLIDER AIRCRAFT TO THE EAST OF THE HELIBASE. USE CAUTION AIR BRIEFING Bucket Recon Recon AIR/GROUND AIR/AIR RW: AIR/AIR FW: COMMAND: TACTICAL GPS settings: hdddomm.mmm' with WGS 84 selected as the map datum. Air Guard DECK: START TOLC: 0800 080 0800 0800 0800 AVAIL Ensure your load calcs reflect the increased temperatures. 0800 0800 0800 0800 0800 951-545-8205 650-245-1715 707-498-2294 858-353-6261 9. HELICOPTERS (Use Additional Sheets as Necessary) Phone **AIR OPERATIONS SUMMARY** Willow Willow Willow Willow BASE RDD MAKE/MODEL HEBM(t) Willow: Mike Mc Farren 1. INCIDENT NAME: TULLEY Blackhawk **HEBM Willow: Jared Collins Bell 212 Bell 212** A Star **2009** Water Drops/Retard. Personnel Transport Dispatch Aircraft Desk **AOBD: Matt Stanford** ASGS: Shem Hawkins TYPE/FUNCTION Ξ Ξ  $\mathbf{T}\mathbf{Y}$ \_ 6. PERSONNEL ATGS: Varies FAA N# Guard 841 Logistics Priorities HLCO: Recon FCNU **60BK** 604T 2HP

# ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

1. In	1. Incident Name:		2. Date/Time Prepared		3. Operation	3. Operational Period:		
	TULLEY		Date:	Date: 08/29/2016 Date From: 08/30/16	Date From:	08/30/16	Date To:	08/31/16
			Time:		1600 Time From: 0700	0020	Time To:	0200
4. Cc	4. Communications							
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
_	COMMAND	NIFC C-2	COMMAND	168.1000	0.0	170.4500	123.0	LOCATED SOUTH OF DIV A
2	COMMAND	NIFC C-8	COMMAND	169.5375	0.0	164.7125	123.0	*** FROM ICP TO FIRE ***
က	COMMAND	NIFC C-55	COMMAND	163.1500	0.0	169.8250	123.0	ALL DIVISIONS
4	COMMAND	CDF C2 T3	COMMAND	151.2650	103.5	159.3300	131.8	HORSE MTN. TONE 3
5	COMMAND	CDF C2 T4	COMMAND	151.2650	103.5	159.3300	136.5	RED MTN. TONE 4
9	TACTICAL	VTAC 11	DIV A/C	151.1375	156.7	151.1375	156.7	
7			1					
∞	TACTICAL	VTAC13	DIVK	158.7375	156.7	158.7375	156.7	
6								-
10	TACTICAL	VFIRE 24	DIV W/X/Y/Z	154.2725	156.7	154.2725	156.7	
11	TACTICAL	VFIRE 25	UNASSIGNED	154.2875	156.7	154.2875	156.7	
12	TACTICAL	CDF T26	SUPP. REPAIR	159.2925	192.8	159.2925	192.8	SUPPRESSION REPAIR
13								
14	MEDICAL	CALCORD	MEDICAL	156.0750	156.7	156.0750	156.7	
15	AIR / GROUND	CDF T23	AIR TO GROUND	159.4500	192.8	159.4500	192.8	CDF T23 AIR TO GROUND
16	EMERGENCY	GUARD	EMERGENCY	168.6250	0.0	168.6250	110.9	EMERGENCY ONLY
17		CH 17						
18		CH 18						
19		CH 19						
20	EMERGENCY	GUARD	EMERGENCY	168.6250	0.0	168.6250	110.9	EMERGENCY ONLY
5. Sp	5. Special Instructions							
							0 0 1	
6. Pr	6. Prepared by (Communications Unit Leader): Name:	inications Unit L		Kyle Johnson COML		Signature:	Mark R.	bothwen
ICS 205	905					Date/Time:	08/29/16	1600

CC	OMMUNICATIO	NS LIS	T (ICS 20	)5A)	
1. Incident Name TULLEY	2. Operational Period	Date From:	8/30/2016	Date To:	8/31/2016
		Time From:	0700	Time To:	0700
3. Basic Local Communications Inf	ormation				
INCIDENT COMMANDER	MARK KENDALL		530-949-0569		
DEPUTY IC	BARRY BIERMANN		707-529-9689		
SAFETY OFFICER	DAVID SARGENTI		831-596-4724		
LIAISON OFFICER	DENNIS CARREIRO		831-594-8612		
INFORMATION OFFICER	MIKE SMITH		951-232-4049		
OPERATIONS SECTION CHIEF	NICK TRUAX		530-448-2405	,	
DEPUTY OPS SECTION CHIEF	MARK BRUNTON		530-708-2712		
NIGHT OPERATIONS	JEFF OHS		909-214-8083		
OPS BRANCH DIRECTOR	GREG BERTELLI		707-481-2362		
OPS BRANCH DIRECTOR	SEAN NORMAN		530-864-5930		
AIR OPS BRANCH DIRECTOR	MATT STANFORD		951-545-8205		
PLANS SECTION CHIEF	JEFF ADAMS		714-323-2061		
DEPUTY PLANS SEC. CHIEF	BUDDY BLOXHAM		831-236-5659		
FINANCE SECTION CHIEF	ROGER RAINES		559-417-2214		
LOGISTICS SECTION CHIEF	PETE GALLEGOS		408-722-8507		<del></del>
MEDICAL UNIT LEADER	KEVIN FORTNEY		951-264-9340		
ACCOMMODATIONS	DINO ROGERS		707-354-4734		
COMMUNICATIONS	TULLEY COMMUNICA	TIONS	530-949-6816		
BRANCH 1	SATELLITE PHONE		dial 480-768-25	500 then dial 881	6-314-61329
				**********	
					1.51
	*				
				1151	
· ·					
			(1236-5		
			II was		
7. Prepared By: Kyle Johnson	Position/Title: COML	Signature:	Will A	Johnson	
CS 205A	Joseph Files, OOME	oignature.	1	y sy my	·





1. INCIDENT NAME

TULLEY CA-HUU-006956 2 DATE **PREPARED** 

8/29/2016

3. TIME

PREPARED

1830

4. OPERATIONAL PERIOD

8/30/16 0700 To 8/31/16 0700

### **MEDICAL PLAN**

5. IN	CIDENT MEDICAL AID STATIONS		
MEDICAL AID STATIONS	LOCATION	PARAM	IEDICS
WILDIOAL AID 31A 110143	LOCATION	YES	NO
Medical Unit / MERT	ICP	XX	

### 6. TRANSPORTATION

	A. Air Ambulances			
NAME	ADDRESS	PHONE		MEDICS
IVAIVIL	ADDICEOU		YES	NO
Reach 5	1524 East St Redding , CA	FORTUNA ECC	XX	
CAL FIRE Copter 102 DAY HOIST		FORTUNA ECC		XX
Guard – 841 24 Hr Hoist Available		FORTUNA ECC	XX	
	B. Ground Ambulances			
Hoopa Ambulance M-83 Incident Assigned	DROP POINT 1	COMM UNIT	XX	
Arcata Ambulance	220 F St Arcata, CA	707-822-3353	XX	
Arcata Mad River Ambulance	1654 Murry Rd McKinnleyville, CA	707-8391316	XX	
		1		İ

### 7. HOSPITALS

NAME	ADDRESS	TRAVEL TIME		PHONE	HELII	PAD	BURN C	ENTER
IAVIAIC	ADDRESS	AIR	GRND	PHONE	YES	NO	YES	NO
Mad River Hospital	3800 JANES RD ARCATA, CA		1.1 Hrs	707-822-3621				XX
St Joseph Hospital Eureka	2700 DOLBEER St EUREKA, CA	20-25 Mins	1.5 Hrs	707-445-8121	хх			XX
Mercy Medical Center Trauma Level 2	2175 ROSEALINE AVE REDDING, CA	25-30 Mins	2.5 Hrs	530-225-7201	XX			XX
U. C. Davis Burn Level 1	2315 STOCKTON BLVD, SACRAMENTO, CA	1.5 Hrs	5 Hrs	916-734-2011	xx		XX	

### 8. MEDICAL EMERGENCY PROCEDURES

LINE EMERGENCY: Crew Supervisor to contact Division Supervisor with patient complaint/condition and location.

- Division Supervisor contacts:
  - Line EMT / PM
  - Communications Unit
- Communication Unit will clear command channel for emergency traffic
- Communications will switch all emergency traffic to CALCORD
- Communications Unit contacts:
  - Medical Unit
  - Safety
  - Operations
- Division Supervisor will run medical emergency on CALCORD.
- Medical Unit will:
  - Dispatch air/ground ambulance to as appropriate.
  - If necessary, after patient pickup, dispatch ambulance to helibase for transportation.
  - Notify receiving hospital of injury status.

**CAMP EMERGENCY:** Contact Medical Unit with patient complaint/condition and location. Medical Staff will respond to stabilize incident.

### **INJURY REPORTING PROCEDURES**

NATURE OF INJURY
LOCATION OF PATIENT
TRANSPORTATION REQUESTED BY:AIR GROUND

POINT OF PICKUP\_\_\_\_\_

LAT \_\_\_\_\_LONG \_\_\_\_

PATIENT UNIT ID\_\_

REMINDER: DO NOT GIVE PT NAME OVER RADIO IS AN EMT WITH PATIENT: YES \_\_\_\_\_ NO\_\_\_\_

AGE\_\_\_\_\_

SEX: MALE\_\_\_\_ FEMALE\_\_\_\_

ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.

Medical Unit (951) 264-9340

10. REVIEWED BY (SAFETY OFFICER)

David Sargenti SOF1 N

ICS 206 8-78

9. PREPARED BY (MEDICAL UNIT LEADER) Kevin Fortney MED





# TRAINING MESSAGE

### **VERY IMPORTANT!**

The Training Section needs to have all training records turned in, by 1200 hours TODAY 8/30/2016.

The Incident Training Specialist is located in the Check-In Tent; Hours of operation are 0600 to 1200 hours. Please see training before starting demobilization if you have any training needs.

You may also contact us by phone at:

Jim Mobley TNSP

530-941-2129

Matt Seybert TNSP (T) 714-875-4040

Thank you for helping us to help you!!!



### **DEMOBILIZATION MESSAGE**

### Tulley Incident CA-HUU-006956



We appreciate your efforts during this incident and want to make sure that we get you to your next destination safely and efficiently. When we begin demobilization, a Tentative Demobilization List will be posted in several places around base camp, including the briefing area and the eating area. If you are on this list, please adhere to the following:

# SHOW UP AT THE DESIGNATED TIME

- Show up at the designate time.
- Do not show up early.
- Do not show up late.

A demobilization schedule has been prepared in careful coordination with all essential demobilization functions. Not following the demobilization schedule can have significant negative impacts on the Demobilization Unit staff and all other resources scheduled for demobilization. We do not want you or any other resources to have unnecessary delays. Please adhere to your scheduled demobilization time.

# BE PREPARED FOR A RE-ASSIGNMENT

There are other incidents in the state that are in need of resources. There is a strong possibility that many of the resources released from this incident will be immediately assigned to another one. Please make sure you are properly supplied, rested, and nourished while waiting for your designated demobilization time.

### BE THOROUGH AND EFFICIENT

Demobilization begins and ends at the Demobilization Unit. Please follow the instructions given to you when starting the demobilization process. Returning to the Demobilization Unit with a complete and accurate Demobilization Check-Out (ICS-221) form will help prevent any unnecessary delays and ensure you are shown as available for future assignments. Unforeseen delays can occur during the demobilization process, such as mechanical issues discovered during Ground Support. Plan to visit the Time Unit towards the end of the demobilization process in order to provide an accurate accounting of your time.





# TULLEY INCIDENT FINANCE SECTION MESSAGE

There is a computer dedicated for E-Pay use set up in the Finance Section.

There are federal timekeepers available for all federal employees and federal contract resources.

DIVS / LINE SUPERVISORS: Please make sure hired equipment shift tickets are completed for all private vendors and dropped off in the Time Unit by line supervisors only (DIVS, STAM, STEN, etc.) Shift Ticket Examples are included in this IAP.

PRIVATE VENDORS: Please take copies of your contracts to the Time Unit as soon as possible.

Please report all injuries and suppression damage to the Comp / Claims Unit, no matter how minor.

Please complete water use forms included in the IAP. Only draw water from identified and approved sources. Turn in these forms to Comp/Claims.

Any "off site" feeding charged to the incident must be pre-approved by the Logistics Section and/or Finance Section Chief. The Motel Tech Spec will have information on this.

**ROGER RAINES, FSC1** 

**TERRY EASTWOOD, DEP. FSC1** 



# INCIDENT MANAGEMENT TEAM 3 FINANCE MESSAge



Agreement Number Operator Furnished By: Obtain from vendor's agreement X Contractor Govern			
TULLY CAHUU 006956 E or S # Here Bob Smith Jeff  Agreement Number Operator Furnished By:  Obtain from vendor's agreement X Contractor Governs	ment		
Agreement Number Operator Fumished By: Obtain from vendor's agreement X Contractor Govern	ment		
Obtain from vendor's agreement X Contractor Govern			
Equipment Make Custime	ls.er		
Cherating Supplies Furnished B	Operating Supplies Fumished By:		
CAT D6H X Contractor Governs	ment		
Serial Number Licence Number Equipment Status			
6LN3344 X Under A	Agreement		
Equipment Use Released by Government			
Date (Circle) Hours / Days / Miles Withdrawn by Contractor			
Mo / Day Start Stop Work Assignment Remarks/Comments**			
7/18 0700 2400 17 Division B			
7/19 0001 0700 7 Division B <b>2 Operator</b> :	2 Operators		
1/19 0001 0/00 / DIVISION B	3		
Vendor Rating Govt. Rep. Name and Position - PRINT			
Poor* Avg. Good Exc. N/A Mike Weber			
Met Performance Expectations Govt. Rep. Signature			
Equipment in Safe Working Condition Vendor Rating Mike Weber			
Operator Skill Level Contractor Signature			
Operates Safely must be done. Bob Smith			
Operator's Cooperation Level Date Time			
Overall Performance 07/19/12	0600		
	IRE 297		
	3-2011)		
Pink - Finance Blue - Home Unit HE Coordinator Yellow - Vendor White - Govt Representative			

									<del></del>		
EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name						
The responsible Government Officer will complete this form each shift					Fireline Builders						
					Operati		Operator #2				
	TU	LLY		С	AHUU 006956	E or S	# Here	Bob Smith			
Agreement Num	nber								Operator Fun	nished By:	
		Obt	ain from	ven	ndor's agreement			Х	Contractor	Government	
Equipment Mak	е				Equipment Model / Type			Operating Supplies Fumished By:			
		CAT				D6H		Х	Contractor	Government	
Serial Number					Licence Number				Equipment	t Status	
	6L	N3344						Х	Inspected	X Under Agreement	
			Ē	quipm	nent Use		*		Released by Government		
Date					(Circle) Hours / Da	ys / Miles			Withdrawn by Contractor		
Mo / Day	Start	Stop	Work		Assignment				arks/Comments **		
7/18	0001	700	7		Off Shift						
7/18					1 Operator						
				12 DIVISION B			1 Operator				
7/18	1900	2400	5	<u></u>	Off Shift						
			\	/endo	r Rating			Govt, R	Rep. Name and Position - PRINT		
			Po	or*	Avg. Good	Exc.	N/A	Mike Weber			
Met Performance Expectations							Govt. R	tep. Signature	_		
Equipment in Safe Working Condition			Vendor Rating 🗀			Mike Weber					
Operator Skill Level			must be done.		Contractor Signature						
Operates Safely					Bob Smith						
Operator's Cooperation Level					Date		Time				
Overall Performance						07/19/12	0600				
					of POOR requires an exp					CALFIRE 297	
Dist	**Final evaluation or for more documentation, use an ICS Form 230 or equivalent. (Rev 3-2011)  Pink - Finance Blue - Home Unit HE Coordinator Yellow - Vendor White - Govt Representative										





# **WATER USAGE LOG**

QUE	ST#	I.e Strike Team	1110C, Acm	e Water Ter	nders	
	WATER SOURCE LOCATION	Hydran t	Open source i.e. pond	Tank	Gallons Used	Property Owner / Contact Number if known **
		212				
-					1	

IMT t ve

The intent of this document is intended to track, record and validated the amount of water used on a incident. It's not intended to review the performance of equipment using the water on an incident.





FIRE SUPPRESSION REPAIR TULLEY INCIDENT: CAHUU-006956

Fire Suppression Repair is the repair of damage caused directly from fire suppression activities, it is not the repair of areas damaged by the fire. We cannot upgrade facilities beyond their pre-fire condition. Any projects too large or complicated to be completed by the Fire Suppression Repair Group shall be turned over to the local Unit or the Comp/ Claims Unit.

### **Start Early!**

Fire Suppression Repair needs should be reported as soon as discovered. To the extent feasible, repair work should start as soon as practical. However, repair activities shall not hamper or conflict with fire suppression actions. When possible, construct waterbreaks (waterbars) on all dozer lines, handlines, and safety zones concurrent with line construction or mop-up operations. Scattered trash shall be collected and deposited at drop points. Police your areas.

### Repair Site Inventory:

Field Observers and Fire Suppression Repair Group resources will be traveling throughout the fire looking for repair needs. All fire line resources are asked to contribute any known issues. The Suppression Repair Group will then evaluate each site, develop a specific repair plan, and schedule an appropriate repair with necessary resources.

### **Infrastructure Damage:**

Report the location and type of suppression damage to infrastructure. Common examples of such features include:

- Fences /gates
- Culvert/ Bridge/ Other watercourse crossings
- Water sources
- Utility distribution line; above/below ground.
- Restore barriers on roads previously closed but opened for suppression activities.
- Remove trash and debris, including flagging and signs when no longer needed.
- Miscellaneous damage to residential property

### Natural Resource Damage:

This category represents repairing existing problems <u>caused by fire suppression activities</u> (direct effect) and to prevent likely future problems such as accelerated erosion caused by winter rains (indirect effect).

- Construct drivable waterbars on unsurfaced roads.
- Construct waterbars on all dozer and, where needed, hand lines, according to the following Specifications: Waterbreaks shall be cut diagonally with a minimum depth of 6" into existing grade with a 12" berm for a minimum height of 18". Waterbreaks will be installed at a 30-45 degree angle. Outlets shall be open and directed onto least erodible material possible.

Line or Road Gradient (%)	0-25%	>26
Waterbreak Spacing	100	50'

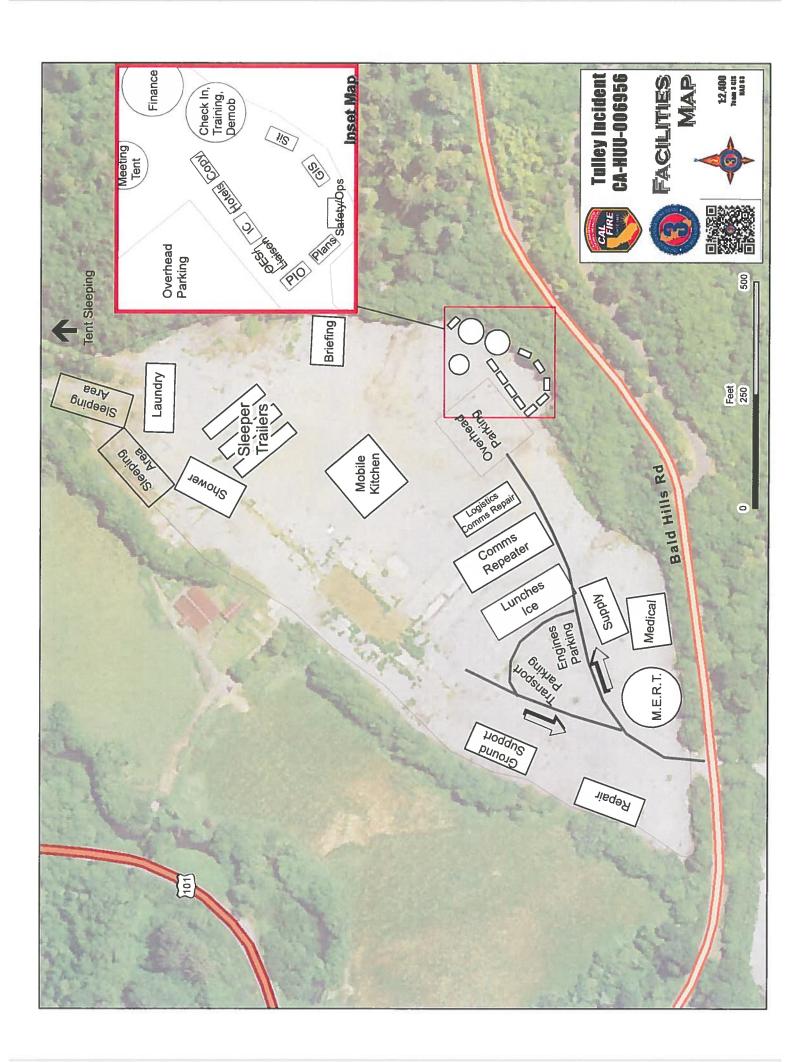
- Remove all berms created by suppression activities unless necessary to divert runoff from a sensitive site.
- Clean culverts and drainage facilities plugged with soil and debris by fire suppression activities.
- All slash, soil, and debris deposited into watercourses shall be removed and stabilized.
- All work within 100 feet of a watercourse, cultural site or other sensitive location shall be performed by hand crews to avoid further damage. This applies to all direct and indirect lines.

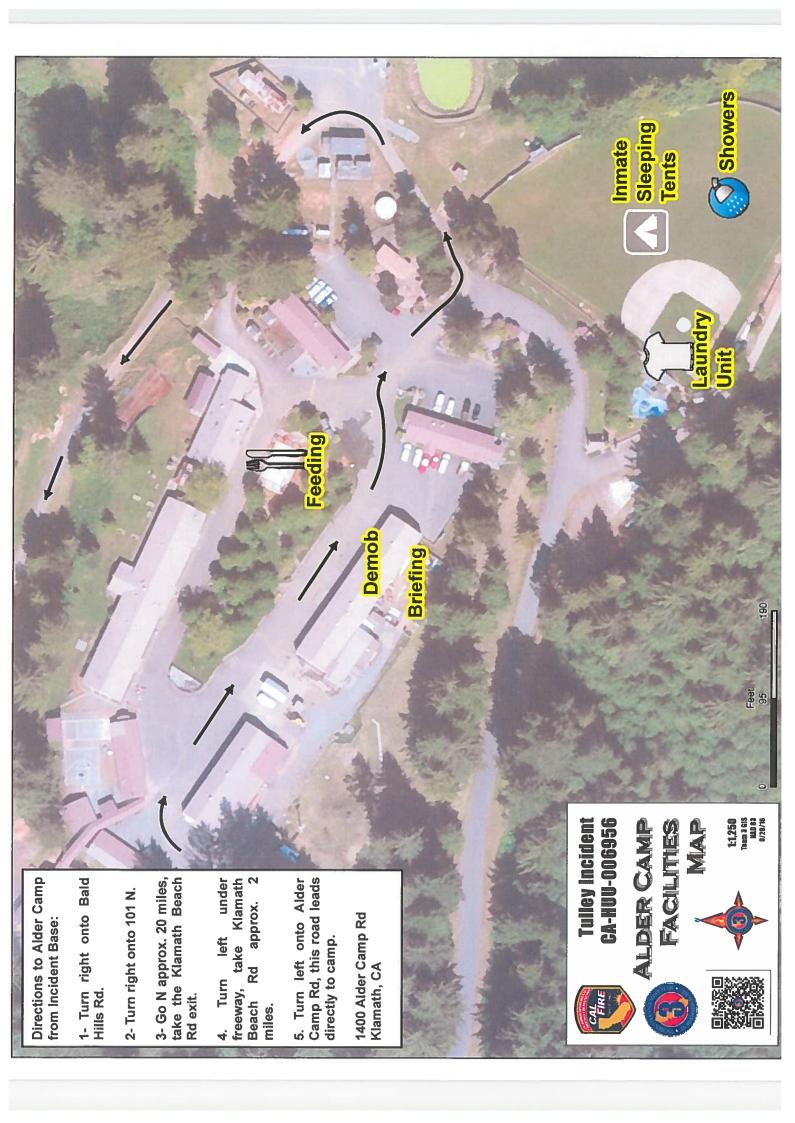
### **Cultural Site Damage:**

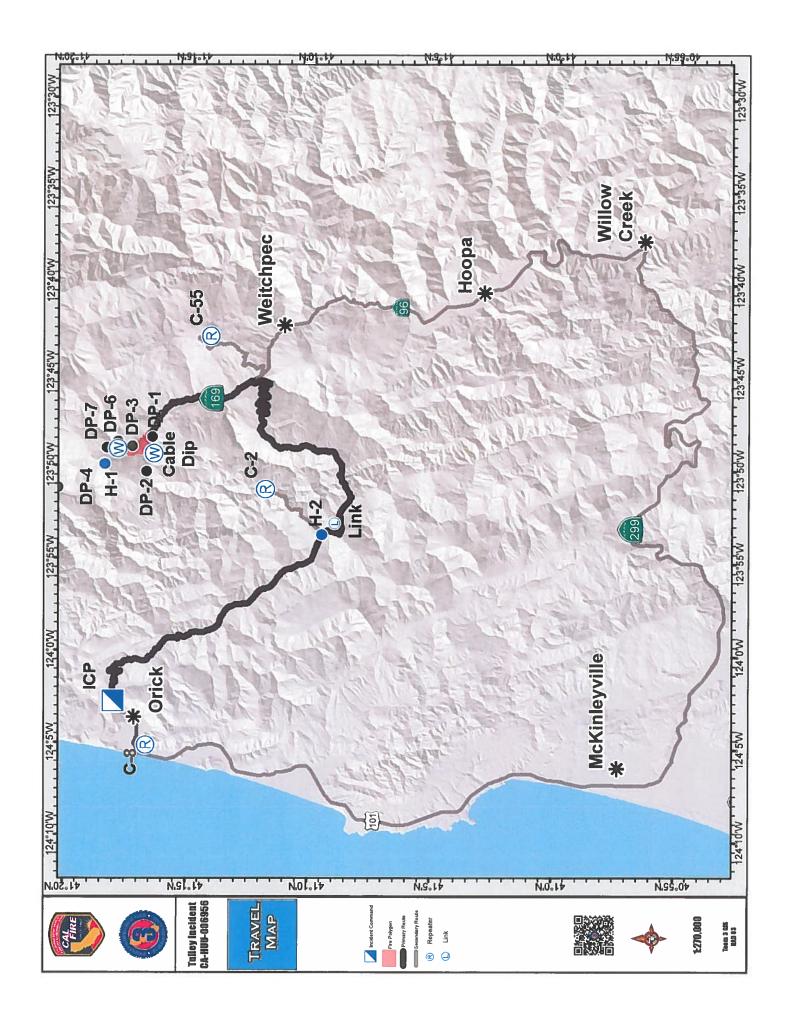
Report any disturbance to a known or suspected archaeological/historical site through chain of command to the incident Archaeologist and/or the Fireline Suppression Repair Group immediately. This includes any air tanker drops upon a site. Use least disturbing suppression methods possible unless life safety is at risk. Flag site perimeter for identification. Removing or disturbing any artifact is not permissible.

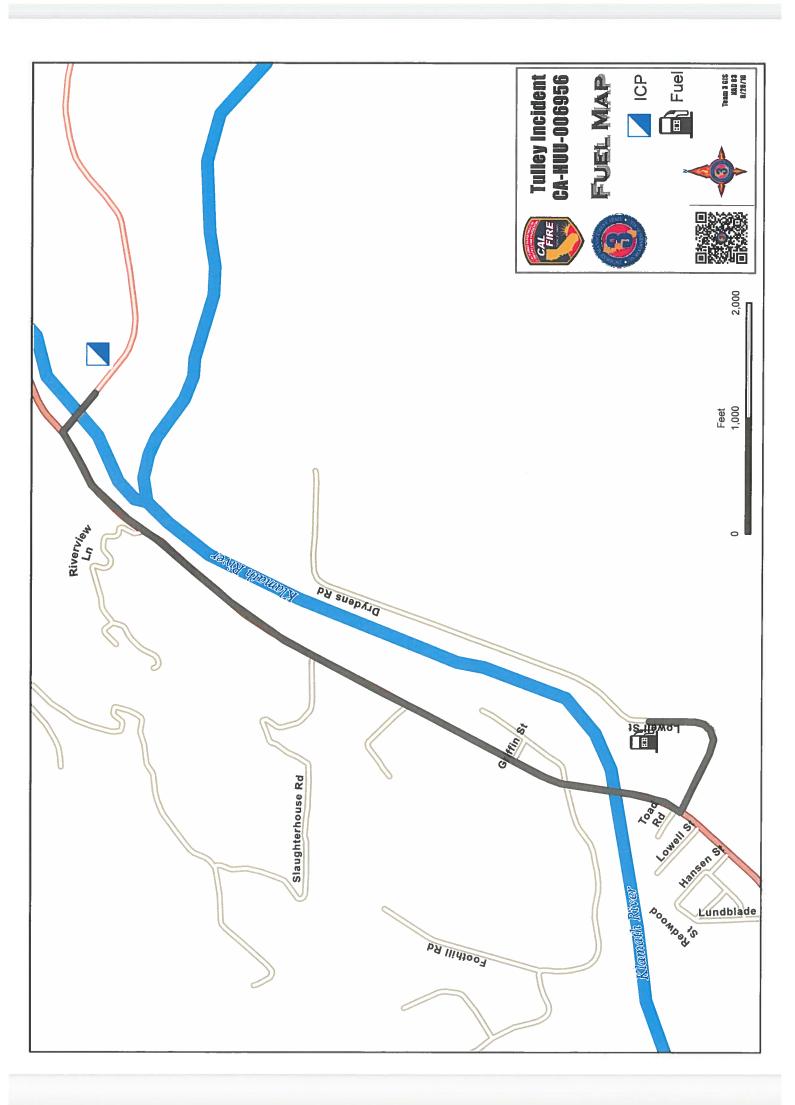
### **Comp Claims Issues:**

Damaged resources that are too large or complex for the Fireline Suppression Group to handle shall be turned over to Comp Claims for processing. Examples of such issues include damage to pavement, bridges, pipelines, etc.















8. Prepared by: Name: Position/Title: Signature:  Date/Time:  Date/Time:  Date/Time:				
	······································			
		4944.8.4.1.4.8		
	8. Prepared by: Na	ame:	Position/Title:	Signature:





1. Incident Name: 2 TULLEY			2. Operational Period:	Date From	m: Date To: m: Time To:
3. Name:		4. IC	S Position:		5. Home Agency (and Unit):
6. Resources Assi	gned:				
Nar	ne		ICS Position		Home Agency (and Unit)
	*				
	***				
7. Activity Log:					
Date/Time	Notable Activities				
8. Prepared by: Name:					Signature:
ICS 214			Date/Time:		